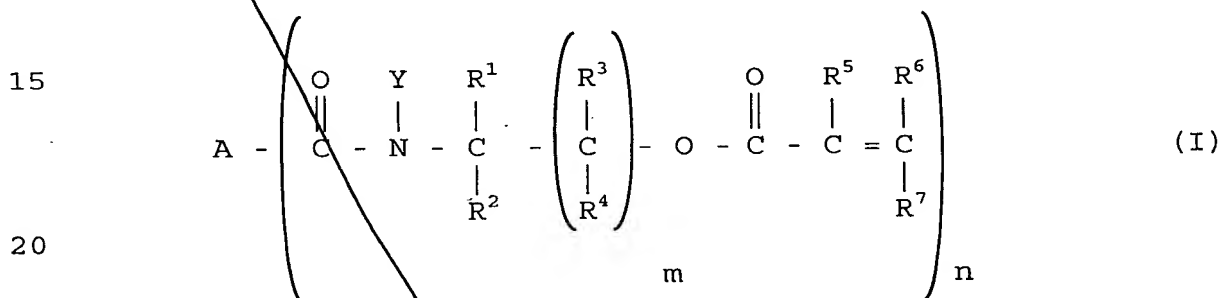


C L A I M S

1. A radiation curable powder paint binder composition containing a radiation curable compound being a mono or multi valent carboxylic ester of a β , γ , δ , or ϵ -hydroxyalkylamide group containing compound, in which the carboxylic ester is derived from an α, β -ethylenically unsaturated carboxylic acid.

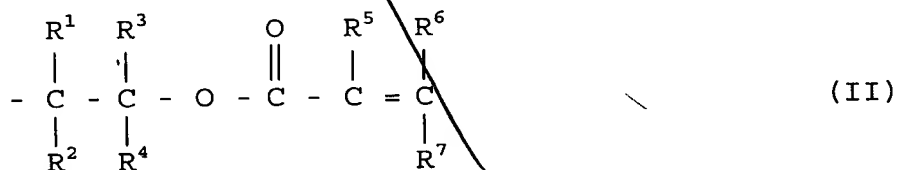
2. A composition according to Claim 1, ^{wherein} characterized in that the compound is a compound according to formula (I):



where:

25 A = hydrogen, or a monovalent or polyvalent organic group which is derived from a saturated or an unsaturated (C_1 - C_{60}) alkyl group, derived from an (C_6 - C_{10}) aryl group or, a polymer P.

30 Y = hydrogen, an (C_1 - C_8) alkyl group or



R^1, R^2, R^3, R^4 are, identical or different, hydrogen or a linear, branched or cyclic (C_1-C_8) alkyl chain,

5 R^5 = hydrogen, (C_1-C_5) alkyl, $-CH_2OH$ or CH_2COOX ,

R^6, R^7 = hydrogen, (C_1-C_8) alkyl, (C_6-C_{10}) aryl or $COOX$,

X = hydrogen or (C_1-C_8) alkyl,

n = 1-1000 and

10 m = 1-4

3. Composition according to ^{Claim 1, wherein} ~~any one of Claims 1-2,~~
~~characterized in that~~ Y is hydrogen or methyl and
 R^1, R^2, R^3 and R^4 are hydrogen or methyl.

4. Composition according to ^{Claim 1} ~~any one of Claims, 1-3~~
15 containing a polymer having an amount of
polymerizable unsaturation ranging from 145 to 3000
grams per mole of unsaturated group (WPU) and a
~~compound being a~~ mono or multi valent carboxylic
112 ester of a β, γ, δ or ϵ -hydroxyalkylamide group
20 containing compound, in which the carboxylic ester
is derived from an α, β -ethylenically unsaturated
carboxylic acid.

5. Composition according to ^{Claim 1} ~~any one of Claims 1-3,~~
containing a ~~compound being a~~ mono or multi valent
25 carboxylic ester of a β, γ, δ or ϵ -hydroxyalkylamide
group containing compound, in which the carboxylic
ester is derived from an α, β -ethylenically
unsaturated carboxylic acid and a crosslinker.

6. A powder paint composition comprising a binder
30 112 composition according to ^{Claim 1} ~~any one of Claims 1-5.~~

7. A coating obtained by radiation curing of a
composition according to ^{Claim 1} ~~any one of Claims 1-6.~~

8. Entirely or ~~partly~~ coated substrate wherein a coating according to Claim 7 is applied as the coating.

Add
C³

Add
D¹

Add
G³